

ABSTRACT

The present invention is directed to various methodologies to make NT a practical procedure for animals, specifically, primates including human and non-human primates. Furthermore, the methods and molecular components provided by the present invention provide a practical means for producing embryos with desired characteristics. In a specific embodiment, the methodology of the present invention comprises introducing nuclei having desired characteristics along with one or more molecular components into an egg, culturing the egg to produce a viable embryo, transferring the embryo to the oviducts of a female, and producing a cloned animal.